

SEQUENCE LISTING

<110> Khoja, Hamiduddin
Shyamala, Venkatakrishna

<120> Isolated VSHK-1 Receptor Polypeptides
and Methods of Use Thereof

<130> 2300-1544

<150> 60/107,112
<151> 1998-11-04

<150> 60/114,856
<151> 1999-01-06

<160> 14

<170> FastSEQ for Windows Version 4.0

<210> 1
<211> 1958
<212> DNA
<213> Homo sapiens

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aagaagatgt cagagaattt gcaaaagttt tcctccctgt attcctcaca atagtttcg	240
tcattggact tgcaggcaat tccatggtag tggcaattt tgcctattac aagaaacaga	300
gaacccaaac agatgtgtac atcctgaatt tggctgtgc agatttactc cttctattca	360
ctctgccttt ttgggctgtt aatgcagttc atgggtgggt ttagggaaa ataatgtgca	420
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tggttttta tacagtaaat gacaatgcta ggtgcattcc cattttcccc cgctacctag	660
gaacatcaat gaaagcatgtt attcaaattgc tagagatctg cattggattt gtagtaccct	720
ttcttattat gggggtgtgc tactttatca cagcaaggac actcatgaag atgccaaaca	780
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ccagctgcaa catgagcaaa cgcattggaca tcgccatcca agtcacagaa agcatcgac	960
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aaaacagatt attaaagagg ttcatgtta aaggcattt	a	taattattt taattatcta	1740
agtttaata caagaacgat ttccctgc	a	attttagta cttgaataag tatgcagcag	1800
aactccaact atctttt	c	ctgttttt taaattgt	1860
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aaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa			1958

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<211> 350

<212> PRT

<213> Homo sapiens

<400> 2

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20	25	30	
Lys Glu Asp Val Arg Glu Phe Ala Lys Val Phe Leu	Pro Val Phe Leu		
35	40	45	
Thr Ile Val Phe Val Ile Gly Leu Ala Gly Asn Ser	Met Val Val Ala		
50	55	60	
Ile Tyr Ala Tyr Tyr Lys Lys Gln Arg Thr Lys Thr	Asp Val Tyr Ile		
65	70	75	80
Leu Asn Leu Ala Val Ala Asp Leu Leu Leu Phe Thr	Leu Pro Phe		
85	90	95	
Trp Ala Val Asn Ala Val His Gly Trp Val Leu Gly	Lys Ile Met Cys		
100	105	110	
Lys Ile Thr Ser Ala Leu Tyr Thr Leu Asn Phe Val	Ser Gly Met Gln		
115	120	125	
Phe Leu Ala Cys Ile Ser Ile Asp Arg Tyr Val Ala	Val Thr Lys Val		
130	135	140	
Pro Ser Gln Ser Gly Val Gly Lys Pro Cys Trp Ile	Ile Cys Phe Cys		
145	150	155	160
Val Trp Met Ala Ala Ile Leu Leu Ser Ile Pro Gln	Leu Val Phe Tyr		
165	170	175	
Thr Val Asn Asp Asn Ala Arg Cys Ile Pro Ile Phe	Pro Arg Tyr Leu		
180	185	190	
Gly Thr Ser Met Lys Ala Leu Ile Gln Met Leu Glu	Ile Cys Ile Gly		
195	200	205	
Phe Val Val Pro Phe Leu Ile Met Gly Val Cys Tyr	Phe Ile Thr Ala		
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Arg Thr Leu Met Lys Met Pro Asn Ile Lys Ile Ser	Arg Pro Leu Lys		
225	230	235	240
Val Leu Leu Thr Val Val Ile Val Phe Ile Val Thr	Gln Leu Pro Tyr		
245	250	255	
Asn Ile Val Lys Phe Cys Arg Ala Ile Asp Ile Ile	Tyr Ser Leu Ile		
260	265	270	

Thr	Ser	Cys	Asn	Met	Ser	Lys	Arg	Met	Asp	Ile	Ala	Ile	Gln	Val	Thr
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Glu	Ser	Ile	Ala	Leu	Phe	His	Ser	Cys	Leu	Asn	Pro	Ile	Leu	Tyr	Val
				290				295							300
Phe	Met	Gly	Ala	Ser	Phe	Lys	Asn	Tyr	Val	Met	Lys	Val	Ala	Lys	Lys
	305				310				315						320
Tyr	Gly	Ser	Trp	Arg	Arg	Gln	Arg	Gln	Ser	Val	Glu	Glu	Phe	Pro	Phe
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Asp	Ser	Glu	Gly	Pro	Thr	Glu	Pro	Thr	Ser	Thr	Phe	Ser	Ile		
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<213> Homo sapiens

<400> 3
actaccaaca ggttggtaact tta

23

<210> 4
<211> 22
<212> DNA
<213> Homo sapiens

<400> 4
ctttgccatc tagagtggag cc

22

<210> 5
<211> 82
<212> DNA
<213> Artificial Sequence

<220>
<221> misc_feature
<222> (1)...(82)
<223> n = A,T,C or G

<223> encodes synthetic peptide

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nsnnscgc tccacctcca cc

60

82

<210> 6
<211> 93
<212> DNA
<213> Artificial Sequence

<220>
<221> misc_feature
<222> (1)...(93)

<223> n = inosine
 <223> encodes synthetic peptide
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 nnnnnnttca gcggagtgag aatagaaagg tac 60
 93

<210> 7
 <211> 36
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> primer

<400> 7
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<210> 8
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<220>
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<400> 8
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<220>
 <223> mutagenic oligonucleotides

<400> 9
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<210> 10
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 <212> DNA
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<220>
 <223> mutagenic oligonucleotides

<400> 10
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<210> 11
<211> 39
<212> DNA
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<220>
<223> mutagenic oligonucleotides

<400> 11
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<210> 12
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aaagcgcagt ctctgaattt accg 24

<210> 13
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tcgaaagcaa gctgataaac cg 22

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acagacagcc ctcatagtta gcg 23